

P21513.P01

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

Attorney Docket No.

P21513

Total Pages

Inventor(s) or Application Identifier

Tae Kyun KIM and Ji Hyang KIM

Title: FLUORINATED POLYETHERS HAVING  
PERFLUORINATED ALIPHATIC GROUP AND  
OPTICAL WAVEGUIDE USING THE SAME

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

## APPLICATION ELEMENTS

## ACCOMPANYING APPLICATION PARTS

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.  
a. ☐ Small Entity  
Statement(s)
3. ☒ Specification [Total Pages 26]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross References to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table, or a computer program  
listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
- ☒ Drawing(s) (35 USC 113) [Total Sheets 1]
- ☒ Oath or Declaration [Total Pages 3]  
a. ☐ Newly executed (original or copy) ☒ Unexecuted  
b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 20 completed)  
[Note Box 6 below]  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
- ☐ Incorporation By Reference (useable if Box 5b is checked)  
The entire disclosure of the prior application, from which a  
copy of the oath or declaration is supplied under Box 5b, is  
considered as being part of the disclosure of the accompanying  
application and is hereby incorporated by reference therein.
7. ☐ Application Data Sheet. See 37 CFR 1.76
8. ☐ CD-Rom or CD-R in duplicate, large table or Computer  
Program (Appendix)

9. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper  
c. ☐ Statements verifying identity of above copies
10. ☒ Assignment Papers (cover sheet & document(s))
11. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
12. ☐ English Translation Document (if applicable)
13. ☐ Information Disclosure ☐ Copies of IDS Citations  
Statement (IDS)/PTO-1449
14. ☐ Preliminary Amendment
15. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
16. ☒ Figure of Drawing to be published 1
17. ☒ Foreign priority claimed  
a. ☒ Claim of Priority  
b. ☐ Certified Copy of Priority Document(s)
18. ☒ Assignee: ZEN PHOTONICS CO., LTD., of Daejeon,  
KOREA
19. ☒ Other: Cover Letter under 37 C.F.R. 1.53(b) and 1.53(f)

20. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior Application No. \_\_\_\_\_/\_\_\_\_\_, filed \_\_\_\_\_  
Prior application information: Examiner: \_\_\_\_\_ Group Art Unit: \_\_\_\_\_21. ☐ Amend the specification by inserting before the first line the sentence:This application is a    continuation-in-part,    continuation,    divisional, of Application No. \_\_\_\_\_/\_\_\_\_\_, filed \_\_\_\_\_.Address all future correspondence to **Customer No. 7055** at the present address of:GREENBLUM & BERNSTEIN, P.L.C.  
1941 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191

9-28-01

Date



07055

PATENT TRADEMARK OFFICE

Will. E. Zylke Reg. No.  
Signature 41,568Bruce H. Bernstein, Reg. No. 29,027  
Typed or Printed Name

## FEE TRANSMITTAL

## Complete if Known

FEE TRANSMITTAL		Application Number		Not Yet Assigned	
		Filing Date		Concurrently Herewith	
		First Named Inventor		T. KIM et al.	
		Group Art Unit		Unassigned	
		Examiner Name		Unassigned	
TOTAL AMOUNT OF PAYMENT		(\$395.00		Attorney Docket Number	
				P21513	

## METHOD OF PAYMENT (check one)

## FEE CALCULATION (continued)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 19-0089

Deposit Account Name GREENBLUM & BERNSTEIN P.L.C.

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3))
- ☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)
- ☒ Applicant Claims Small Entity Status See 37 CFR 1.27.

2. ☒ Payment Enclosed:

☒ Check ☐ Credit Card ☐ Money Order ☐ Other

## FEE CALCULATION (fees effective 12/29/99)

## 1. FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	355.00
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$355.00)

## 2. CLAIMS

Total Claims	Extra	Fee from below	Fee Paid
6	-20=	0 x 18	0.00
Independent	1 -3=	0 x 80	0.00
Multiple Dependent Claims			0

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim
109	80	209	40	Reissue independent claims over original patent
110	18	210	9	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$0.00)

## 3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR Prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for response within 1st month	
116	390	216	195	Extension for response within 2nd month	
117	890	217	445	Extension for response within 3rd month	
118	1,390	218	695	Extension for response within 4th month	
128	1,890	228	945	Extension for response within 5th month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive unavoidably abandoned application	
141	1,240	241	620	Petition to revive unintentionally abandoned application	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of IDS	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

SUBTOTAL (3) (\$40.00)

\*Reduced by Basic Filing Fee paid

## SUBMITTED BY

## Complete (if applicable)

Typed or Printed Name	Bruce H. Bernstein			Reg. Number	29,027
Signature	Will. Z. Lyden Reg. No.	Date	9-28-01	Deposit Account User ID	

41,568

P21513.P06

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Tae Kyun KIM et al.

Serial No : Not Yet Assigned

Filed : Concurrently Herewith

For : FLUORINATED POLYETHERS HAVING PERFLUORINATED ALIPHATIC  
GROUP AND OPTICAL WAVEGUIDE USING THE SAME

**COVER LETTER ACCOMPANYING U.S. PATENT APPLICATION  
FILED UNDER 37 C.F.R. 1.53(b)and 1.53(f)**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

Enclosed is a new patent application for filing in the U.S. Patent and Trademark Office under 37 C.F.R. 1.53(b)and 1.53(f) in which the Declaration and Power of Attorney attached thereto are in unexecuted form. An executed Declaration and Power of Attorney will be filed within the time period set forth in the Notice to File Missing Parts of Application, unless such time period has been extended by the filing of a petition accompanied by the extension fee under the provisions of 37 C.F.R. 1.136(a).

Related to this, a correspondence address is provided in the unexecuted Declaration and Power of Attorney, and is as follows:

GREENBLUM & BERNSTEIN, P.L.C.  
1941 Roland Clarke Place  
Reston, Va. 20191

The above-identified application includes:

- 26 pages of specification (including Abstract);
- 6 total claims, with 1 independent;
- 1 sheets of drawings with 1 figure;
- an unexecuted Declaration and Power of Attorney.

If there are any questions, please contact the undersigned at the below-listed telephone number.

Respectfully submitted,  
Tae Kyun KIM et al.

*Will E. Lyall Reg. No.*  
Bruce H. Bernstein *41,568*  
Reg. No. 29,027

September 28, 2001  
GREENBLUM & BERNSTEIN, P.L.C.  
1941 Roland Clarke Place  
Reston, Va. 20191  
(703) 716-1191